

IN THE ABSTRACT:

A fuel tank for motor vehicles, for example an LPG fuel tank, contains inside it at least one electrical component and has a wall or a plate bearing at least one connector for connection of the electrical component with an electrical line external to the tank. The electrical connector has a body made of synthetic material or of elastomer material directly moulded on one or more conductor pins so as to guarantee hermetic sealing of the tank even in the presence of a pressure jump between the internal cavity of the tank and the external environment. In the case where the body of the connector is made of synthetic material, it bears seats for seal rings made of elastomer material. In the case where it is made of elastomer material, it guarantees directly the function of tightness. In either case, there are provided means for exerting an axial compressive force on the part that performs the tightness function.

(Figure 4)